

PASSIVE TELEMETRY SYSTEM FOR IMPLANTABLE MEDICAL DEVICE

Abstract

5

A telemetry system enabling radio-frequency communications between an implantable medical device and an external device which requires minimal power consumption by the implantable device. The implantable device uses an antenna tuning circuit to vary the impedance of an antenna and phase modulate a carrier signal reflected
10 back to the external device with digital message data.

"Express Mail" mailing label number: EL671638398US

Date of Deposit: April 6, 2001

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.